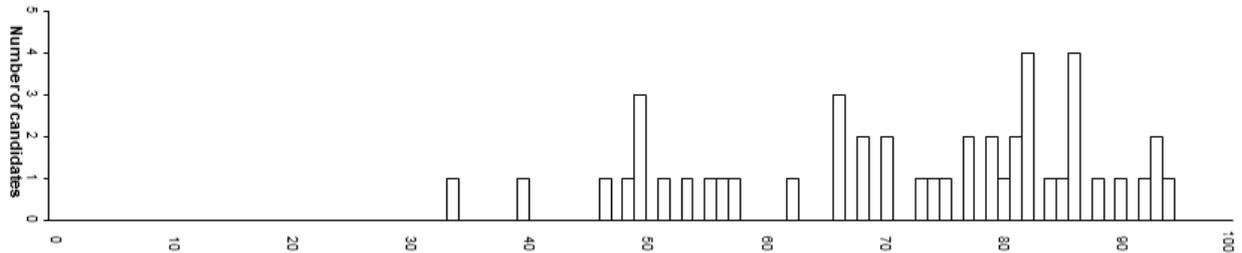




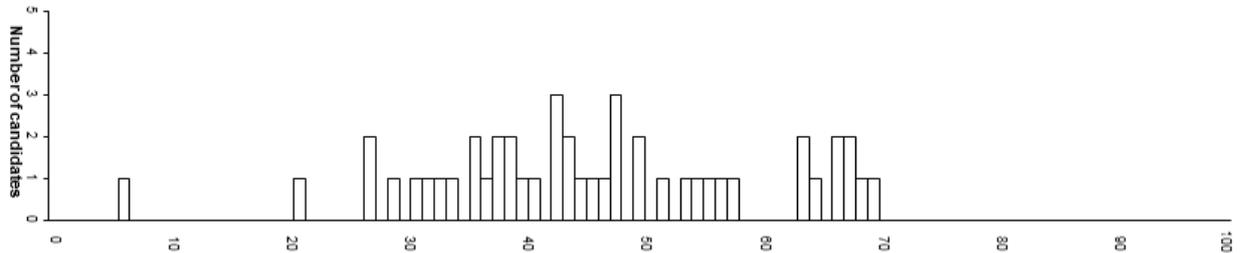
Summary report for candidates on the 2015 WACE examination in Aviation Stage 3

Year	Number who sat all examination components	Number of absentees from all examination components
2015	45	1
2014	23	0
2013	46	1

Examination score distribution - Practical



Examination score distribution - Written



Summary

Aviation Stage 3 was examined externally in two parts: a practical examination of 20 minutes and a written examination of two and a half hours.

Practical examination

The practical examination comprised an extensive series of flying sequences conducted on a computer-based flight simulator. Scores ranged from 95.3% (19.06/20) to 34.3% (6.86/20) with a mean of 72.55% (14.51/20). This is slightly below the mean for the 2014 examination of 76.94%.

Section means were:

Take-off and climb	Mean 4.14(/5)	Max 5.00	Min 2.00
In-flight manoeuvres (turns, stall)	Mean 4.54(/7)	Max 7.00	Min 0.88
Use and interpretation of navigation aids	Mean 2.39(/3)	Max 3.00	Min 0.86
Descent and landing	Mean 3.44(/5)	Max 5.00	Min 1.25

Written examination

The mean for the written paper was 45.94% with a range of 69.69% (55.75/80) to 5.63% (4.50/80). This is slightly below the mean mark for the 2014 examination of 47.23%.

Section means were:

Section One: Multiple-choice	Mean 8.42(/16)	Max 14.40	Min 4.00
Section Two: Short answer	Mean 28.34(/64)	Max 45.35	Min 0.50

General comments

Practical examination

Advice for candidates

- You should feel comfortable to ask for instructions to be repeated or clarified as the need arises.
- You need to ensure that you can recall correct speeds and procedures for the appropriate phase of flight, as per 'Standard Operating Procedures'.

Written examination

Advice for candidates

- You need to address what the question asks.
- Read questions fully and ensure you understand what is being asked in the question.
- Ensure that you know the difference between a question requiring you to 'state' or 'identify' to one requiring an answer to 'outline', 'describe' or 'explain'.
- You need to aim to write answers that address the specific focus of the question not simply restate all the information that you can recall that might relate to the topic.
- Ensure that you avoid writing answers that are short, vague and/or non-descriptive.

Comments on specific sections and questions

Practical examination

Generally the skills displayed by the majority of candidates, on the computer-based flight simulator was high. Scores ranged from 95.3% to 34.3% with a mean score of 72.55%.

Take-off and climb

Attempted by 46 Candidates

Mean 8.28(/10) Max 10 Min 4

This was an area of strength for candidates.

In-flight manoeuvres (turns, stall)

Attempted by 46 Candidates

Mean 10.37(/16) Max 16 Min 2

The stall entry, recognition and recovery were handled well generally but candidates found the steep turns difficult. Many candidates struggled to maintain the required angle of bank, height and were unable to roll out on the required heading.

Use and interpretation of navigation aids

Attempted by 46 Candidates

Mean 5.57(/7) Max 7 Min 2

Although markers commented that candidates were not able to identify the navigation aids the average for this section is high at 79%. There may have been a small group of candidates who performed poorly but the majority were competent at identifying and interpreting the navigation instruments.

Descent and landing

Attempted by 46 Candidates

Mean 8.26(/12) Max 12 Min 3

Considering the difficulty of flying this segment, the average score of 69% meant that candidates managed well. Improvements would include better control of slow speed level flight and descent with or without flaps extended. Emphasis should be placed on controlling speed with attitude and descent with power.

Written examination

Section One: Multiple-choice

Attempted by 46 Candidates

Mean 8.42(/16) Max 14.40 Min 4.00

The multiple-choice questions had a range of difficulty from 90% to 25%. Questions 15, 16 and 18 were the easiest with means of 85% or above. The most challenging questions of the section were 10, 14 and 20 with means lower than 30%.

Section Two: Short answer

Attempted by 46 Candidates

Mean 28.34(/64) Max 45.35 Min 0.50

This section is well scaffolded allowing candidates to provide relatively short, direct answers. However, the relative difficulty of this section for many candidates had a significant effect on the overall examination mean. In some questions the candidates did not address the specific focus of the question but simply restated all the information that they could recall that might relate to the topic. Hence many candidates gave a statement about that part of the syllabus in a broad concept rather than responding to what the question asked.